

Filed 2/18/04

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

Date Submitted to PTO: February 18, 2004

ATTY DOCKET NO.
2004_0248SERIAL NO.
NEW

10/779, 718

APPLICANT
Martin Hermann Klemens BRUNE et al.FILING DATE
February 18, 2004GROUP
1656

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DJS	AA	5,741,635	4/1998	Abhijit et al.	 	 	
DJS	AB	4,923 796	5/1990	Ulfert et al.			
DJS	AC	4,806,415	2/1989	Piero			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
DJS	AD	00 52467	9/2000	WO	 	 	
DJS	AE	2 660 933	10/1991	FR			
	AE						

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

DJS	AG ✓	Witkowski et al., 1999, Vol. 38, pp. 11643-11650.					
DJS	AH ✓	Schneider et al., J. Biol. Chem., 1998, Vol. 273, pp. 11491-11497.					
DJS	AI ✓	Deville-Bonne et al., Biochemistry, 1996, Vol. 35, pp. 14643-14650.					
DJS	AJ ✓	Izumiya et al., J. Biol. Chem., 1995, ^{Volume 270,} pp. 27859-27864.					
DJS	AK ✓	Abstract of Biondi et al., FEBS Letter, 1996, Vol. 299, pp. 183-187.					
DJS	AL	A. Miyawaki et al., "Fluorescent Indicators for Ca ²⁺ Based on Green Fluorescent Proteins and Calmodulin", Letters to Nature, Vol. 388, pp. 882-887, August 28, 1997.					
DJS	AM	A. Honda et al. "Spatiotemporal Dynamics of Guanosine 3',5'-cyclic Monophosphate Revealed by a Genetically Encoded, Fluorescent Indicator", Proc. Natl. Acad. Sci., Vol. 98, No. 5, pp. 2437-2442, February 27, 2001.					
DJS	AN	S. Karamohamed et al., "Bioluminometric Method for Real-Time Detection of ATPase Activity", Biotechniques, Vol. 31 , pp. 420-425, 2001, ^{Volume 31, 2001}					

EXAMINER

/David Steadman/

DATE CONSIDERED

09/19/2006

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

Date Submitted to PTO: February 18, 2004

ATTY DOCKET NO.
2004_0248SERIAL NO.
NEW

10/779,718

APPLICANT
Martin Hermann Klemens BRUNE et al.FILING DATE
February 18, 2004GROUP
1650

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BA						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	BB						

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

DJS	BC	Gary V. Richieri et al., "Interactions of Long-Chain Fatty Acids and Albumin: Determination of Free Fatty Acid Levels Using the Fluorescent Probe ADIFAB", Biochemistry, Vol. 32, pp. 7574-7580, 1993.					
DJS	BD	R. Takashi et al., "A Fluorimetric Method for Continuously Assaying ATPase: Application to Small Specimens of Glycerol-Extracted Muscle Fibers", Analytical Biochemistry, Vol. 92, pp. 375-382, 1979.					
DJS	BE	B. L. Strehler, "Adenosine-5'-triphosphate and Creatine Phosphate Determination with Luciferase", Methods of Enzymatic Analysis. 2 nd ed. New York: Academic Press, pp. 2112-2126, 1974					
DJS	BF	W. Lamprecht et al., "Determination with Hexokinase and Glucose-6-phosphate Dehydrogenase", Methods of Enzymatic Analysis. 2 nd ed. New York: Academic Press, pp. 2101-2110, 1974					
DJS	BG	V. Schauer-Vukasinovic et al., "Rational Design of a Calcium Sensing System Based on Induced Conformational Changes of Calmodulin", J. Am. Chem. Soc., Vol. 119, pp. 11102-11103, 1997.					
DJS	BH	D. Jaworek et al., "Adenosine-5'-diphosphate and Adenosine-5'-monophosphate", Methods of Enzymatic Analysis. 2 nd ed. New York: Academic Press, pp. 2127-2131, 1974					
DJS	BI	Simon-Peter Williams et al., "Estimation of the Intracellular Free ADP Concentration by ¹⁹ F NMR Studies of Fluorine Labeled Yeast Phosphoglycerate Kinase in Vivo", Biochemistry, Vol. 32, pp. 4895-4902, 1993.					
DJS	BJ	Li Qing Zhou et al., "Periplasmic Binding Protein Based Biosensors 1. Preliminary Study of Maltose Binding Protein Sensing Element for Maltose Biosensor", Biosensors & Bioelectronics, Vol. 6, pp. 445-450, 1991.					
DJS	BK	J. S. Marvin et al., "Engineering Biosensors by Introducing Fluorescent Allosteric Signal Transducers: Construction of a Novel Glucose Sensor", J. Am. Chem. Soc., Vol. 120, pp. 7-11, 1998.					
DJS	BL	M. Brune et al., "Direct, Real-Time Measurement of Rapid Inorganic Phosphate Release Using a Novel Fluorescent Probe and Its Application to Actomyosin Subfragment 1", Biochemistry, Vol. 33, No. 27, pp. 8262-8271, 1994.					

EXAMINER

/David Steadman/

DATE CONSIDERED

09/19/2006